[CHEMICAL FORMULA 1]

[CHEMICAL FORMULA 2]

[CHEMICAL FORMULA 3]

4 [CHEMICAL FORMULA 6]

[CHEMICAL FORMULA 5]

[CHEMICAL FORMULA 6]

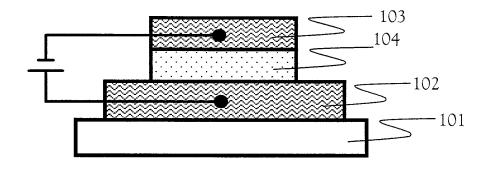


FIG. 1A

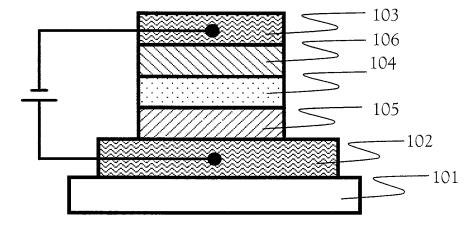


FIG. 1B

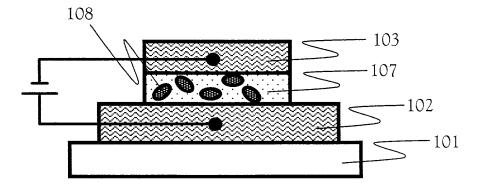


FIG. 1C

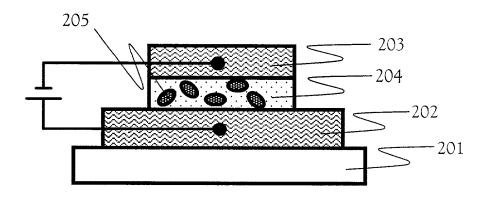


FIG. 2A

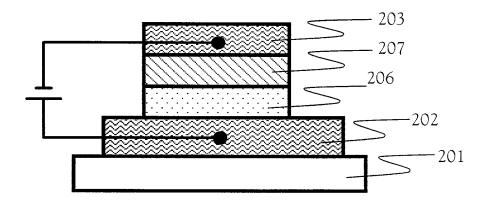


FIG. 2B

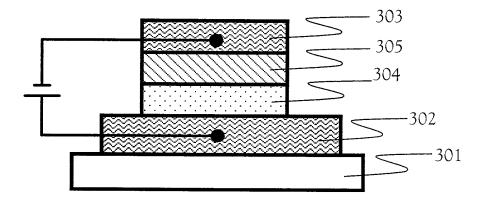


FIG. 3

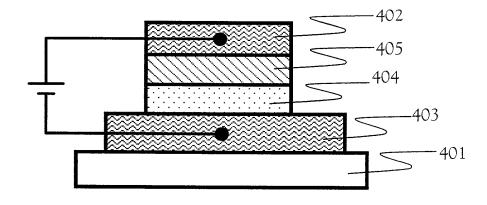


FIG. 4

DOPANT CONCENTRATION

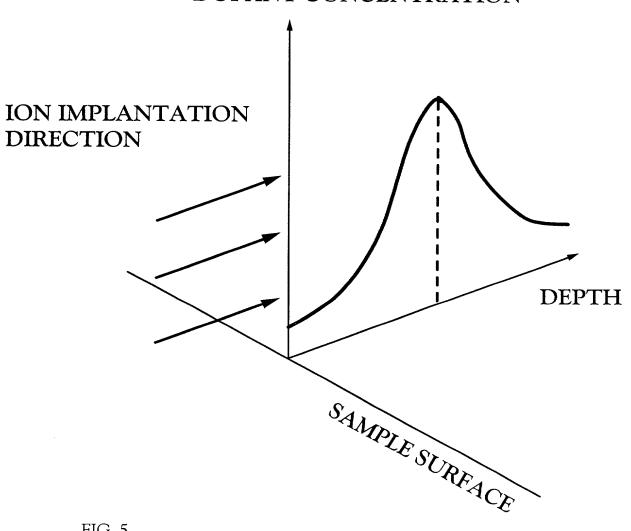


FIG. 5

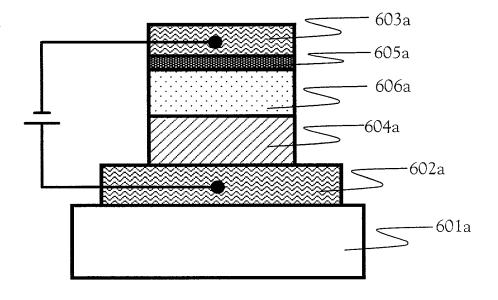


FIG. 6A

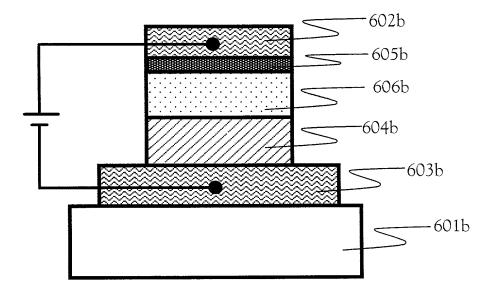


FIG. 6B

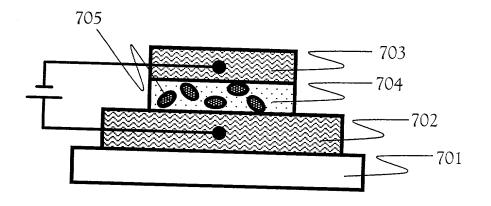


FIG. 7

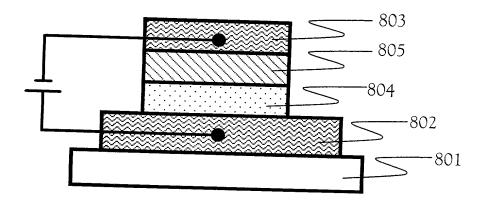


FIG. 8

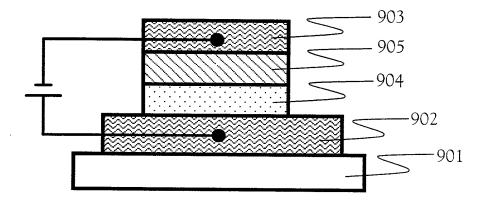


FIG. 9

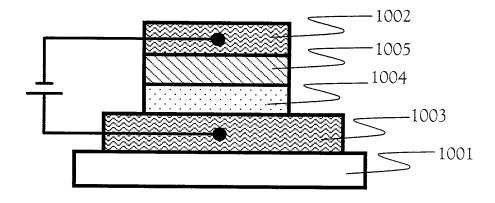


FIG. 10

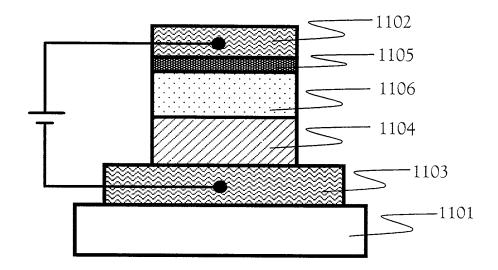


FIG. 11

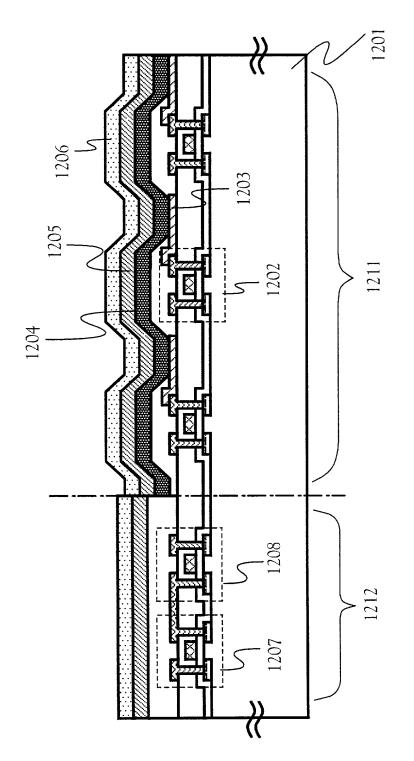


FIG. 12

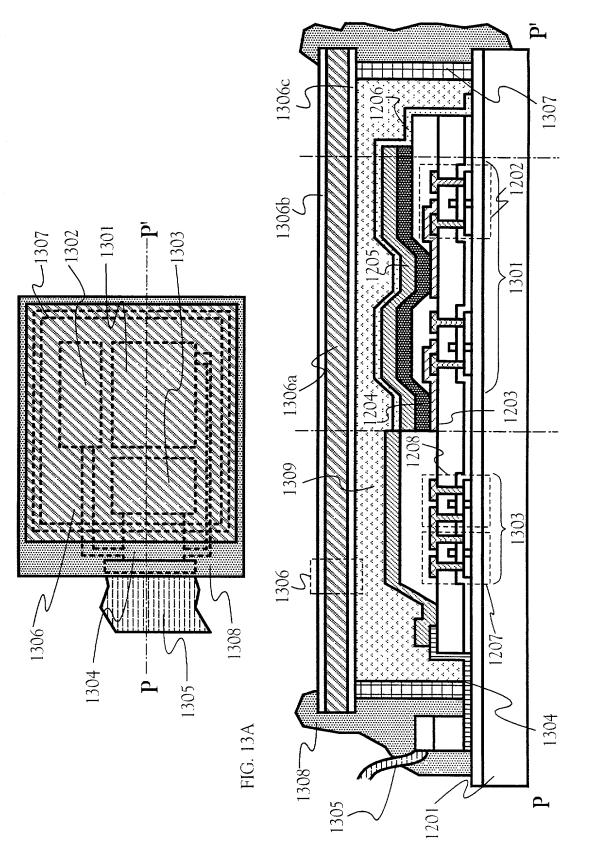
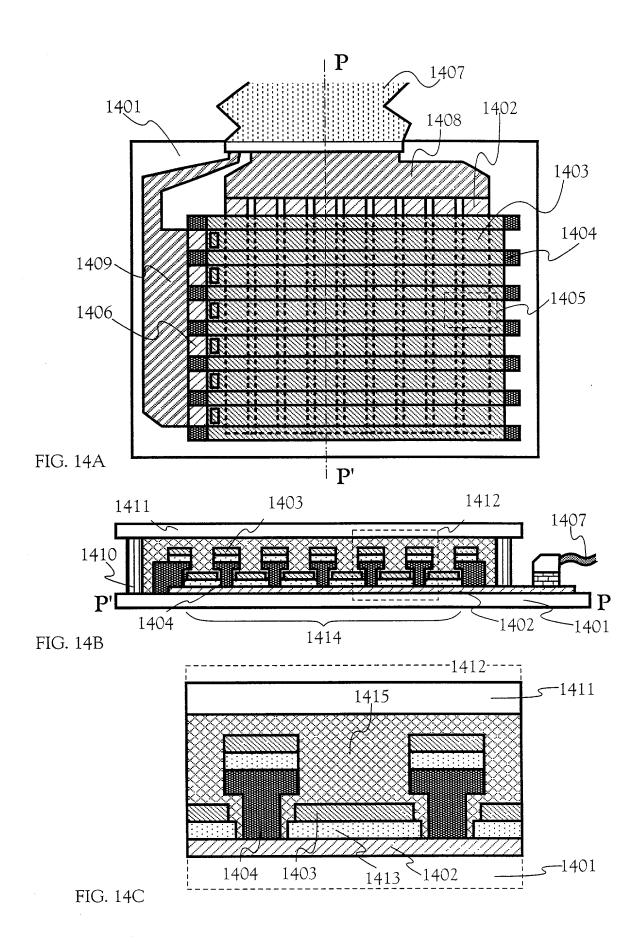


FIG. 13B



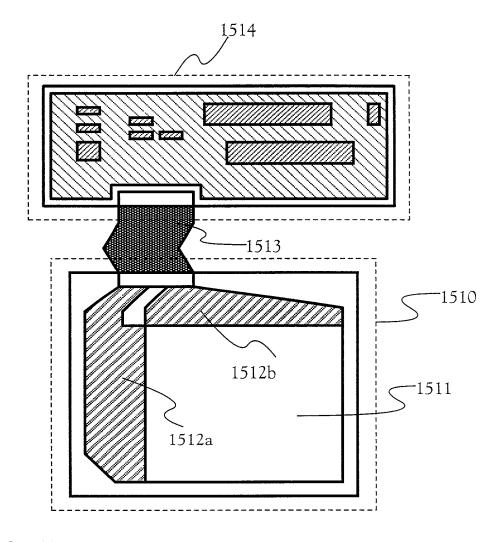


FIG. 15A

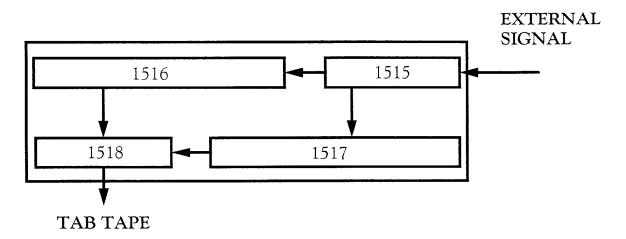
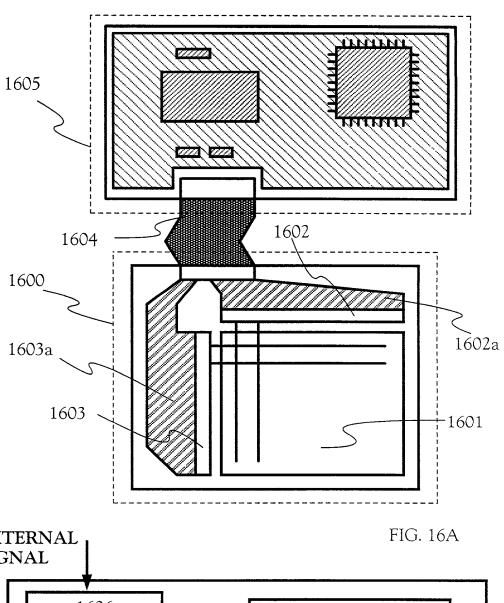


FIG. 15B



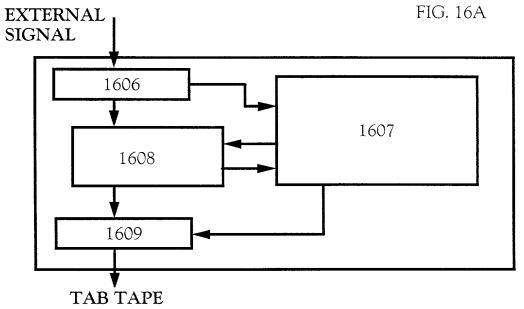


FIG. 16B

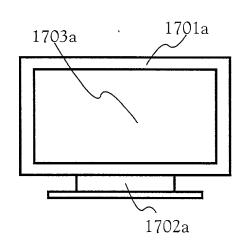


FIG. 17A

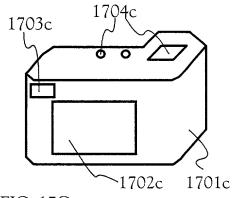


FIG. 17C

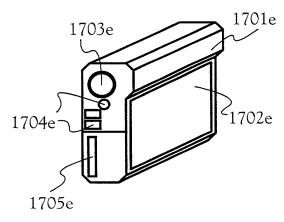


FIG. 17E

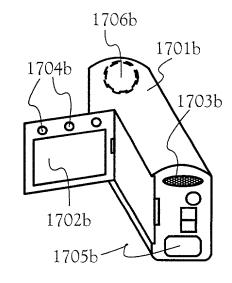


FIG. 17B

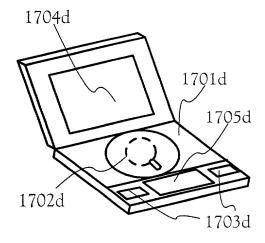


FIG. 17D

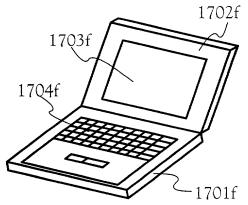
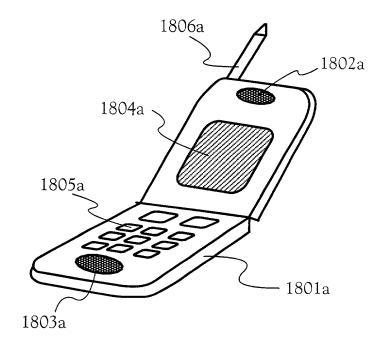


FIG. 17F



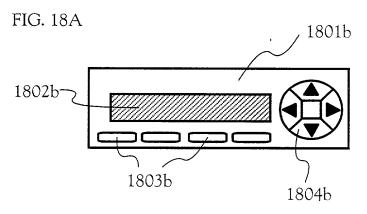


FIG. 18B